

Patent Number  
Title

J62285974-A  
SEALING MATERIAL COMPRISING EXPANDED GRAPHITE - PREPD.  
BY COMPRESSION MOULDING EXPANDED GRAPHITE TO SPECIFIED  
DENSITY

Patent Assignee  
Publication Date  
Abstract

NIPPON PILLAR KOGYO  
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SEALING MATERIAL COMPRISES EXPANDED GRAPHITE. IT IS  
PREPD. BY COMPRESSION MOULDING OF EXPANDED GRAPHITE TO A  
DENSITY OF 1.0-2.0 G/CM<sup>3</sup>. THE RAW MATERIAL USED IS  
REGENERATED EXPANDED GRAPHITE COARSE POWDER OBTD. BY  
CRUSHING THE WASTE OF EXPANDED GRAPHITE SHEET USED IN  
AMT. OF 50-100 WT.% AND EXPANDED GRAPHITE POWDER BEFORE  
FORMATION INTO SHEET (UNTREATED EXPANDED GRAPHITE  
POWDER) IS USED IN AN AMT. OF LESS THAN 50 WT.%. THE  
REGENERATED EXPANDED GRAPHITE COARSE POWDER IS 0.5-5 MM  
IN LENGTH AND WIDTH.

ADVANTAGE - FLOW OF RAW MATERIAL EXPANDED GRAPHITE IN A  
MOULD IS IMPROVED AND SEALING MATERIAL E.G. PACKING AND  
GASKET WHICH HAS MECHANICAL PROPERTIES AND RESISTANCE TO  
HEAT AND CHEMICALS IS OBTD. AT A LOW COST. (4PP  
DWG.NO.0/2)